Panasonic

Micro Portable XGA LCD Projector

PT-**LC80**U

Simple
Stylish
Slim
Secure

- 2000 ANSI lumens
- Slim and compact:
  - 65 mm high (approx. 2.6˝)*
  - A4 size: 297 x 209 mm (11.7˝ x 8.2˝)
- Light weight: 4.9 lbs (2.2 kg)
- Easy to use:
  - Extra-short-throw lens
  - One-touch auto setup
  - H/V-keystone correction
  - Automatic input signal detector
- RGB2-in/RGB1-out switchable
- Anti-theft features:
  - User password
  - Control panel lock
  - Text superimposing
- Auto power off

* 72 mm / 2.83˝ including protruding parts and legs.

Panasonic ideas for life

Easy Presentations with 2000 ANSI Brightness

You've put the perfect presentation together, but you don't have a lot of time. Every second counts. You've got to get set up quickly. That's when you need the Panasonic PT-LC80U. With one-touch auto setup and digital keystone correction, the PT-LC80U virtually sets itself up.

This micro-portable unit packs uncompromising performance in a slim, stylish body. It delivers a full 2,000 ANSI lumens of brightness. It adds a number of anti-theft features, such as a control panel lock that prevents operation without the remote control. And the PT-LC80U measures just 8.2″ (209 mm) by 11.7″ (297 mm) by 2.6″ (65 mm), so it slips easily into a bag for go-anywhere convenience.

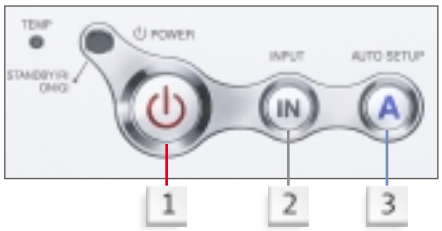
Bright, mobile, easy to use. The PT-LC80U is a smart answer to all your presentation needs.

Simple

Quick and Easy 1-2-3 Setup

The PT-LC80U top panel has just three control buttons: POWER, INPUT, and AUTO SETUP. Simply aim the projector at the screen and press the three buttons*... it's that easy!

*** After turning on the main power and putting the projector into standby mode.**



1 Power up ...
Turn on the main power at the rear of the projector, then press the power button.

2 Select input ...
Select your input signal source.

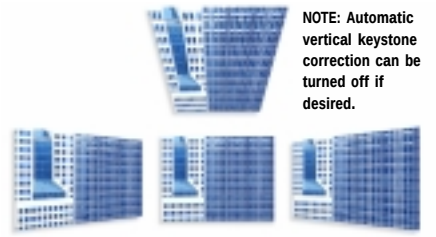
3 Setup is automatic ...
Press the auto setup button, and the projector automatically adjusts to display the image correctly.

One-Touch Auto Setup

The one-touch auto setup function with digital keystone correction saves you time and trouble. The projector handles all picture adjustments, from phasing and dot clocks to vertical and horizontal alignment. With setup so quick and easy, you can start your presentation almost immediately.

Horizontal/Vertical Digital Keystone Correction

The PT-LC80U's built-in gravity sensor—a Panasonic original—determines the projector's angle relative to the floor and corrects for vertical keystone distortion accordingly. This is performed automatically as part of the one-touch auto setup function. Horizontal (left/right) keystone correction can be performed manually using the on-screen menu.



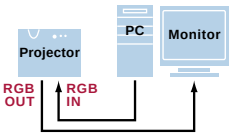
NOTE: Automatic vertical keystone correction can be turned off if desired.

Automatic Input Signal Detector

The PT-LC80U's new automatic signal detector also handles the entire re-setup procedure for you if the input signal changes. In other words, once you've used the One-Touch Auto Setup function at the start of your presentation, you can connect different PCs without any further adjustment—you don't even have to press the auto setup button each time.

RGB2-In/RGB1-Out Switchable

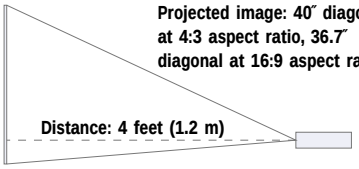
The PT-LC80U accepts up to two RGB inputs, which eliminates the need to juggle and reconnect equipment when giving consecutive presentations from two different PCs. The RGB2 terminal can also serve as a loop-through monitoring terminal for the RGB1 input, making it easy to give presentations while viewing the display on a desktop or notebook computer.



Loop-through monitoring

Extra-Short-Throw Lens

The PT-LC80U is equipped with a large-diameter, extra-short-throw lens. This shortens the necessary projection distance, thereby saving space. You can project a 32″-wide screen, for example, from only four feet (1.2 meters) away, which lets you place the projector right at the front of the table. Your presentations can be both more comfortable and more convenient, with large, easy-to-see images even in smaller rooms.



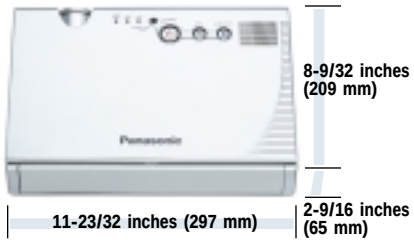
High 2000 ANSI Lumens Brightness

The PT-LC80U delivers super-bright output with 2000 ANSI lumens—thanks to a high-performance optical system and high-efficiency 160W UHM™ lamp—for sharp, crisp images that are easy to see. It also provides excellent brightness uniformity of 90%.

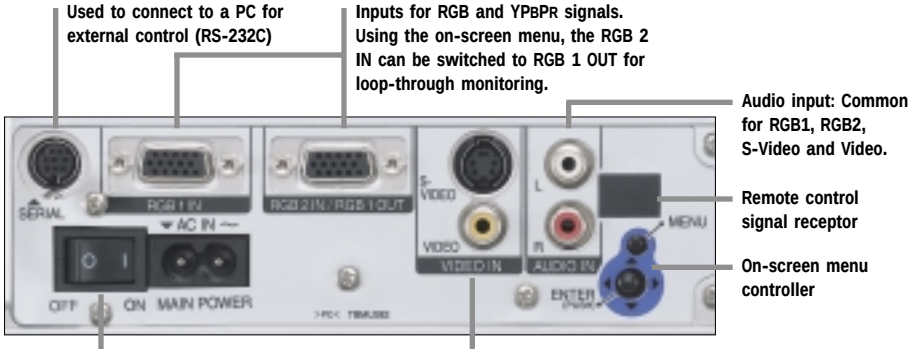
Stylish/Slim

Compact and Lightweight

The PT-LC80U has a simple, streamlined look. Measuring 8.2″ (209 mm) long by 11.7″ (297 mm) wide and 2.6″ (65 mm) high, this micro-portable unit can slip easily into a bag for carrying, together with a notebook PC. And it weighs only 4.9 pounds (2.2 kg). This lightweight, space-saving design lets you store it on a bookshelf, in a locker—virtually anywhere you want.



Rear Terminals



Secure

Anti-Theft Features

The PT-LC80U is designed with effective anti-theft features, including a user password, control panel lock and text superimposing. It also has a security lock slot compatible with the Kensington MicroSaver® cable.

User Password

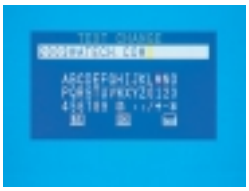
When the projector power is turned on, a screen appears prompting you to enter the password. Unless the correct password is input, nothing but the power button can be operated. The password can be changed as desired.

Control Panel Lock

Using a setting on the on-screen menu, you can disable the operation of all of the controls on the top and rear panels of the projector. This setting can only be canceled with the unit's own card remote control. By simply storing the projector and remote control separately, you can thus prevent unauthorized use.

Text Superimposing

You can program a text line to be superimposed on the bottom of the projected image. This helps to deter theft by continually displaying, for example, your company name, URL, or a warning of your choice.



You can create any wording you like (up to 22 characters) from the menu setting.

Continual display of this text at the bottom of the image screen has a theft-deterrent effect.

Additional Valuable Features

- Auto power off lets you specify a time (from 15 to 60 minutes, in 5-minute steps) after which the projector automatically enters standby mode if unused.
- HDTV compatibility
- Full compatibility with sRGB color space for accurate color reproduction (in natural mode)
- Color temperature selection (standard/high/low)
- Picture mode selection (standard/dynamic/natural)
- Blackboard mode lets you use an ordinary blackboard as a projection screen.
- 3x digital zoom
- Index Window
- Freeze
- Advanced shutter function for image muting
- Selectable 7-language on-screen menu (English, German, French, Spanish, Italian, Japanese, Chinese)
- Automatic RGB input selection
- Discrete S-Video and video inputs allow connection of two DVD/video sources at a time
- Ceiling mountable (option)
- The lid for the rear panel can be detached for fixed ceiling mounting.
- The card remote control fits in the palm of your hand, and gives you smooth control of all major operations.
- Card remote control storage space (in rear panel)
- Lamp power high/low selection
- Fan control for high elevations (above 4,600 feet/1,400 m)
- Temperature warning indication
- Lamp replacement warning indication
- Carrying bag supplied

Specifications

LCD Panel	0.7-inch diagonal (4:3 aspect ratio) x 3, Micro Lens Array (MLA)
Pixels	1024 x 768 x 3 pixels (2,359,296 pixels)
Lamp	160 W UHM™ lamp
Brightness*1	2000 ANSI lumens
Uniformity	90%
Contrast Ratio	400:1 (full on/full off)
Lens	Manual zoom, manual focus, F 1.7–1.9, f 21.5–25.8 mm
Image Size (diagonal)	33″–300″ / 83.8–762 cm (aspect ratio: 4:3)
Optical Shift	6:1 (fixed)
Keystone Correction Range	±30° vertically, ±20° horizontally (Horizontal: Max. ±30° with vertical correction off)
Video Compatibility	
Video	NTSC, M-NTSC, PAL, PAL-M, PAL-N, PAL60, SECAM
YPBPR	525i (480i), 625i (576i), 525p (480p), 750p (720p), 1125i (1080i)
Computer Compatibility	VGA, SVGA, XGA, SXGA, UXGA, Mac
H-Sync/V-Sync Range	15–91 kHz, 50–85 Hz
Built-in speaker	1.6″ x 1.2″ (4 x 3 cm), 2 W output power (monaural)
Terminals	VIDEO IN (RCA x 1) S-VIDEO IN (Mini DIN 4-pin x 1) AUDIO IN (RCA, L/R x 1) RGB1 IN (D-sub HD 15-pin x 1) RGB2 IN/RGB1 OUT, switchable (D-sub HD 15-pin x 1) SERIAL (DIN 8-pin)
On-Screen Menu	7 languages (English, French, German, Spanish, Italian, Chinese, Japanese)
Installation	Ceiling/desk, front/rear (menu selection)
Power Supply	100–240 V AC (auto-voltage), 50/60 Hz
Power Consumption	220 W (standby mode*2: 3 W)
Weight	4.9 lbs/2.2 kg
Dimensions (W x H x D)*3	11-23/32″ x 2-9/16″ x 8-7/32″ (297 x 65 x 209 mm)
Operating Temperature	0°–40°C (32°–104°F)
Operating Humidity	20%–80%
Supplied Accessories	• Power cord • Card-type remote control unit • Battery for remote control unit • VGA cable (3 m/9.9′) • AV cable (3 m/9.9′) • Carrying bag
Optional Accessories	Replacement lamp unit: ET-LAC80 Ceiling mount bracket: ET-PKC80 Full-function wireless remote control: ET-RM200 Serial adapter (DIN 8-pin to D-sub 9-pin): ET-ADSER

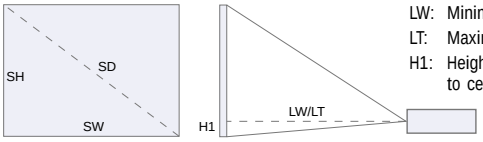
***1 ANSI lumens is measuring method of the American Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufactures.**

***2 With fan stopped.**

***3 Without lens cover, and not including protruding parts and legs. Height including legs is 2-27/32″ (72 mm).**

Projection Distance

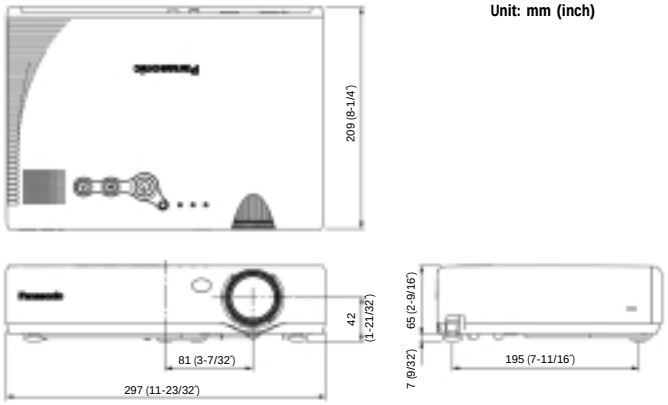
SD: Diagonal image size
SH: Height of projected image
SW: Width of Projected image
LW: Minimum projection distance
LT: Maximum projection distance
H1: Height from the edge of screen to center of lens



Diagonal image size (4:3 aspect ratio)	Distance to screen min.	Distance to screen max.	Height from the edge of screen to center of lens
33″/ 0.84 m / 2.7′	–	1.1 m / 3.6′	8 cm / 3.1″
40″/ 1.02 m / 3.3′	1.2 m / 3.9′	1.4 m / 4.6′	9 cm / 3.5″
50″/ 1.27 m / 4.2′	1.5 m / 4.9′	1.7 m / 5.6′	11 cm / 4.3″
60″/ 1.52 m / 4.9′	1.8 m / 5.9′	2.1 m / 6.9′	14 cm / 5.5″
70″/ 1.78 m / 5.8′	2.1 m / 6.9′	2.4 m / 7.9′	16 cm / 6.3″
80″/ 2.03 m / 6.7′	2.4 m / 7.9′	2.8 m / 9.2′	18 cm / 7.1″
90″/ 2.29 m / 7.5′	2.7 m / 8.9′	3.2 m / 10.5′	20 cm / 7.9″
100″/ 2.54 m / 8.3′	3.0 m / 9.8′	3.5 m / 11.5′	22 cm / 8.7″
120″/ 3.05 m / 10.0′	3.6 m / 12.5′	4.2 m / 13.8′	26 cm / 10.2″
150″/ 3.81 m / 12.5′	4.5 m / 14.8′	5.3 m / 17.4′	33 cm / 13.0″
200″/ 5.08 m / 16.7′	6.0 m / 19.7′	7.1 m / 23.3′	44 cm / 17.3″
250″/ 6.35 m / 20.8′	7.5 m / 24.6′	8.9 m / 29.2′	55 cm / 21.7″
300″/ 7.62 m / 25.0′	9.0 m / 29.5′	10.7 m / 35.1′	66 cm / 26.0″

Dimensions

Unit: mm (inch)



Please contact Panasonic or your dealer for a demonstration.

Panasonic Broadcast & Television Systems Company
Presentation Systems Group
800 528 8601
www.panasonic.com/projectors

Headquarters
1 Panasonic Way, 4E-7
Secaucus, NJ 07094
201 348 5300

Panasonic Canada Inc.
5770 Ambler Drive
Mississauga, Ontario
Canada L4W 2T3
416 624 5010

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PT-LC80U1-03MAY80K Printed in Japan.

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